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PATENT ABSTRACTS OF JAPAN(21) Application number: **63118439**(51) Intl. Cl.: **F16H 7/02 F16H 55/36 F16H**(22) Application date: **16.05.88**

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states:(71) Applicant: **ORION MACH CO LTD**
NIPPON DENSO CO LT(72) Inventor: **TAKEUCHI TORU**
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**(54) DEVICE FOR
GENERATING ROTATION
VARIATION**

(57) Abstract:

PURPOSE: To simply obtain the variation of angular speed by mechanical control by forming a pulley installed on a driving shaft into a regular-polygonal or an elliptical shape and shifting the position of a driven side pulley with respect to the driving shaft side pulley.

CONSTITUTION: A regular-polygonal or elliptical shaped gear pulley 2 is installed on a driving shaft 1. A pulley 6 installed on a driven shaft 8 is formed with a regular-polygonal or elliptical shaped one at a multiple of integer or a fraction of integer of the driving shaft side pulley 2. The position of the driven side pulley 6 is shifted by π/m (m = the number of angles) with respect to the driving shaft side pulley 2. Thus, the variation of angular speed can be